ESSENTIALS

ZEPHYR

www.zephyronline.com

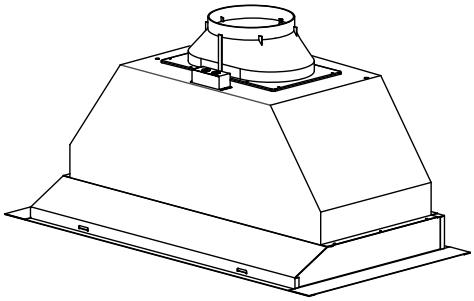
# Use, Care, and Installation Guide

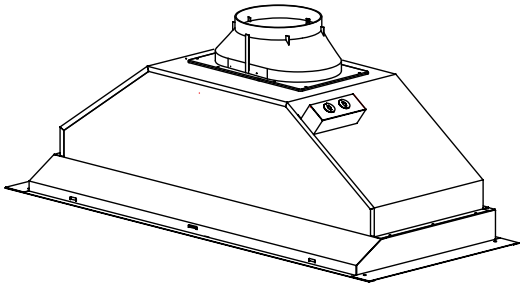
# Tornado II

AK8200AS

# Tornado III

AK8300ASX





C US

Model number: _____

Serial Number: _____

Date of Purchase: _____

Sales Dealer: _____

APR10.0501 © 2010 Zephyr Corporation

**READ AND SAVE THESE INSTRUCTIONS**

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# Important Safety Notice

**WARNING**

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE CONTROL DEVICE.

**WARNING**

TO REDUCE THE RISK OF FIRE ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

a. Use this unit only in the manner intended by the manufacturer, if you have questions, contact the manufacturer.
b. Before servicing or cleaning unit, switch power off at service panel and lock panel to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

**CAUTION**

For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors. Take care when using cleaning agents or detergents. Suitable for use in household cooking area.

**WARNING**

TO REDUCE THE RISK OF RANGE TOP GREASE FIRE:

a. Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
b. Always turn hood ON when cooking at high heat or when flaming food
c. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
d. Use proper pan size. Always use cookware appropriate for the size of the surface element.
e. Keep fan, filters and grease laden surfaces clean.
f. Use high setting on hood only when necessary.
g. Don't leave hood unattended when cooking.
h. Always use cookware and utensils appropriate for the type of and amount of food being prepared.

**WARNING**

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP FIRE, OBSERVE THE FOLLOWING:

a. SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.
b. NEVER PICK UP A FLAMING PAN – You may be burned.
c. DO NOT USE WATER, including wet dishcloths or towels – a violent steam explosion will result.
d. Use an extinguisher ONLY if:
    1. You know you have a Class ABC extinguisher, and you already know how to operate it.
    2. The fire is small and contained in the area where it started.
    3. The fire department is being called.
    4. You can fight the fire with your back to an exit

**WARNING**

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

a. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards. Including fire-rated construction.
b. Sufficient air is needed for power combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back-drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA) and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
c. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
d. Ducted fans must always vent to the outdoors.
e. NEVER place a switch where it can be reached from a tub or shower.
f. Make sure the power is off before installing, wiring or maintenancing.

**WARNING**
TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCTWORK.
NOT FOR USE OVER AN OUTDOOR GRILL

**CAUTION**

To reduce risk of fire and to properly exhaust air outside - Do not vent exhaust air into spaces within walls, ceilings, attics, crawl spaces or garages.

**OPERATION**

Always leave safety grilles and filters in place. Without these components, operating blowers could catch onto hair, fingers and loose clothing.

The manufacturer declines all responsibility in the event of failure to observe the instructions given here for installation, maintenance and suitable use of the product. The manufacturer further declines all responsibility for injury due to negligence and the warranty of the unit automatically expires due to improper maintenance.

***NOTE: Please check www.zephyronline.com for revisions before doing any custom work.**

**ELECTRICAL REQUIREMENTS**

**Important:**
Observe all governing codes and ordinances.
It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 latest edition* or CSA standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No.0-M91 - latest edition** and all local codes and ordinances.
  If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Do not ground to a gas pipe.

Check with a qualified electrician if you are not sure the range hood is properly grounded.

Do not have a fuse in the neutral or ground circuit.

*National Fire Protection Association Batterymarch Park, Quincy, Massachusetts 02269
** CSA International 8501 East Pleasant Valley Road, Cleveland, Ohio 44131-5575

This appliance requires a 120V 60Hz electrical supply and connected to an individual properly grounded branch circuit protected by a 15 or 20 ampere circuit breaker or time delay fuse. Wiring must be 2 wire with ground. Please also refer to Electrical Diagram on product.

**AK8200AS - 710W, 5.95 Amps**
**AK8300ASX (CBI-290B / CBI-600B) - 217W, 1.85 Amps / 460W, 3.85 Amps**
**AK8300ASX (PBI-1100A / PBN-1000A/CBE-1000) - 780W, 6.55 Amps / 840W, 7.3 Amps**

A cable locking connector (not supplied) might also be required by local codes. Check with local requirements, purchase and install appropriate connector if necessary.

**FEDERAL COMMUNICATION COMMISSION INTERFACE STATEMENT**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

. Reorient or relocate the receiving antenna.

. Increase the separation between the equipment and receiver.

. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

. Consult the dealer or an experienced radio/TV technician for help

# List of Materials

**MODELS:** AK8200AS AND AK8300ASX

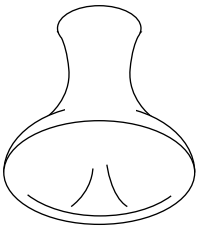
**PARTS SUPPLIED**

**AK8200AS**
1 - Power Pack
2 - Baffle filters
2 - Halogen light bulbs (pre-installed)
1 - Dual internal blower (pre-installed)
1 - 8” round adapter
1 - RF remote control (with battery)
1 - Hardware package

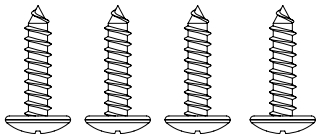
**AK8300ASX**
1 - Power Pack
3 - Baffle filters
4 - Halogen light bulbs (pre-installed)
1 - 8” round adapter
1 - Remote blower wiring harness
1 - RF remote control (with battery)
1 - Hardware package
NO BLOWER

**HARDWARE PACKAGE CONTENTS**

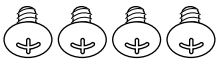
Suction Cup (1)



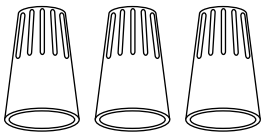
M4 x 1” (4)



M4 x 8 (4)

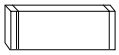
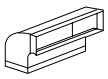
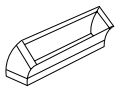
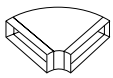
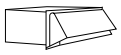
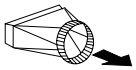
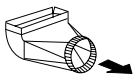


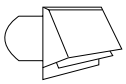
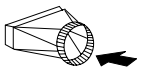
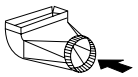
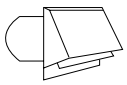
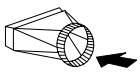
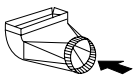
Wire Caps (3)



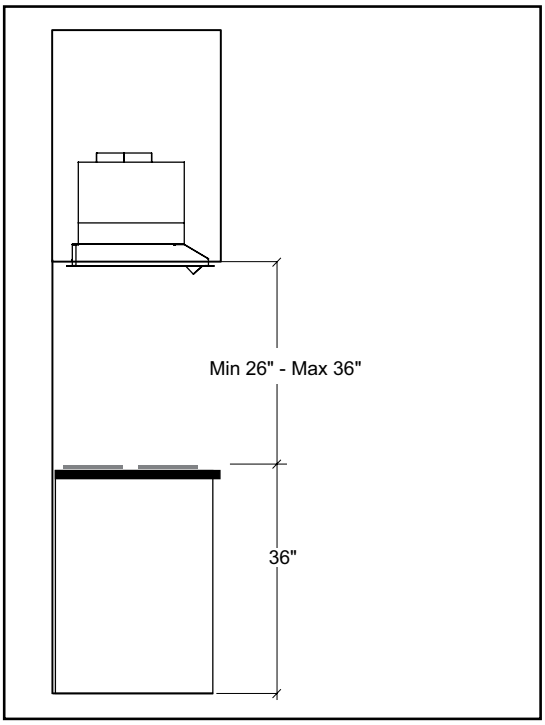
**PARTS NOT SUPPLIED**

- Ducting, conduit and all installation tools
- Cable connector *(if required by local codes)*
- Single internal blower kit *(CBI-290B, CBI-600B)* - AK8300ASX only
- Dual internal blower kit *(PBI-1100A)* - AK8300ASX only
- External blower kit *(CBE-1000)* - AK8300ASX only
- In-Line blower kit (PBN-1000A) - AK8300ASX only
- Optional stainless steel hood liner *(AK08xxAS)*

| Duct pieces | | Equivalent number length x used = | Total |
|---|---|---|---|
|  | 3-1/4" x 10" Rect., straight | 1 Ft. x ( ) = | Ft. |
| | 6" Round, straight | 1 Ft. x ( ) = | Ft. |
| | 7"-10" Round, straight | 1 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. 90° elbow | 15 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. 45° elbow | 9 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. 90° flat elbow | 24 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. wall cap with damper | 30 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. to 6" round transition | 5 Ft. x ( ) = | Ft. |
|  | 3-1/4" x 10" Rect. to 6" round transition 90° elbow | 20 Ft. x ( ) = | Ft. |
| | 6" Round, 90° elbow | 15 Ft. x ( ) = | Ft. |
| | 6" Round, 45° elbow | 9 Ft. x ( ) = | Ft. |
| | | Subtotal column 1 = | Ft. |

| Duct pieces | | Equivalent number length x used = | Total |
|---|---|---|---|
|  | 6" Round wall cap with damper | 30 Ft. x ( ) = | Ft. |
| | 6" Round, roof cap | 30 Ft. x ( ) = | Ft. |
|  | 6" round to 3-1/4" x 10" rect. transition | 1 Ft. x ( ) = | Ft. |
|  | 6" round to 3-1/4" x 10" rect. transition 90° elbow | 16 Ft. x ( ) = | Ft. |
| | 7" - 10" Round, 90° elbow | 15 Ft. x ( ) = | Ft. |
| | 7" - 10" Round, 45° elbow | 9 Ft. x ( ) = | Ft. |
|  | 7" - 10" Round wall cap with damper | 30 Ft. x ( ) = | Ft. |
| | 7" - 10" Round, roof cap | 30 Ft. x ( ) = | Ft. |
|  | 7" round to 3 1/4" x 10" rect. transition | 8 Ft. x ( ) = | Ft. |
|  | 7" round to 3-1/4" x 10" rect. transition 90° elbow | 23 Ft. x ( ) = | Ft. |
| | | Subtotal column 2 = | Ft. |
| | | Subtotal column 1 = | Ft. |
| | | Total ductwork = | Ft. |

**Maximum Duct Length:** For satisfactory air movement, the total duct length should not exceed 100 equivalent feet.




Minimum mount height between range top to hood bottom should be no less than 26”.

Maximum mount height should be no higher than 36”.

It is important to install the hood at the proper mounting height. Hoods mounted too low could result in heat damage and fire hazard; while hoods mounted too high will be hard to reach and will lose its performance and efficiency.

If available, also refer range manufacturer’s height clearance requirements and recommended hood mounting height above range.

**AK8200AS**
**Vertical Ducting:**
8” round minimum (dual blower)
**Horizontal Ducting:**
N/A

**AK8300ASX**
**Vertical Ducting:**
6” round minimum (single blower)
8” round minimum (dual and remote blowers)
**Horizontal Ducting:**
N/A

## DUCTING

A minimum of 6” round or 3-1/4” x 10” rectangular duct must be used to maintain maximum air flow efficiency for single blower and 8” round duct for dual and remote blowers.

Always use rigid type metal ducts only. Flexible ducts could restrict air flow by up to 50%.

Also use calculation (on page 5) to compute total available duct run when using elbows, transitions and caps.

ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, increase duct size.

If turns or transitions are required; install as far away from hood duct output and as far apart, between the two as possible.

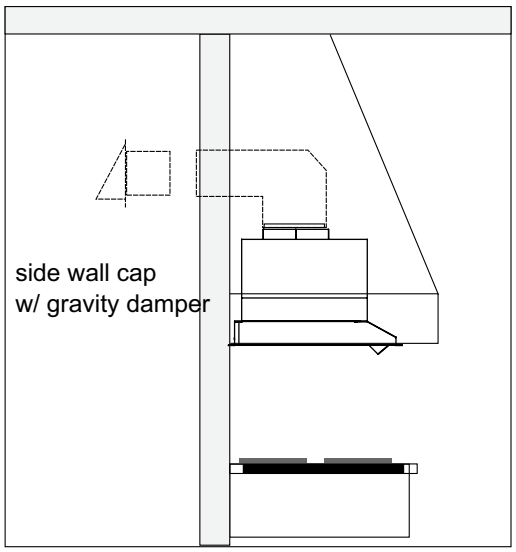
## WARNING FIRE HAZARD

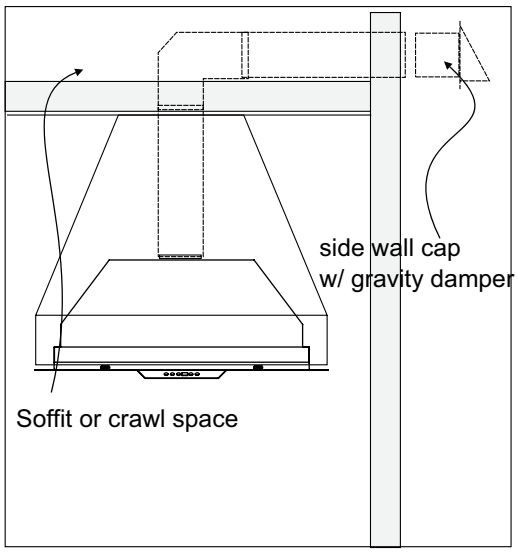
NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be ducted to the outside.

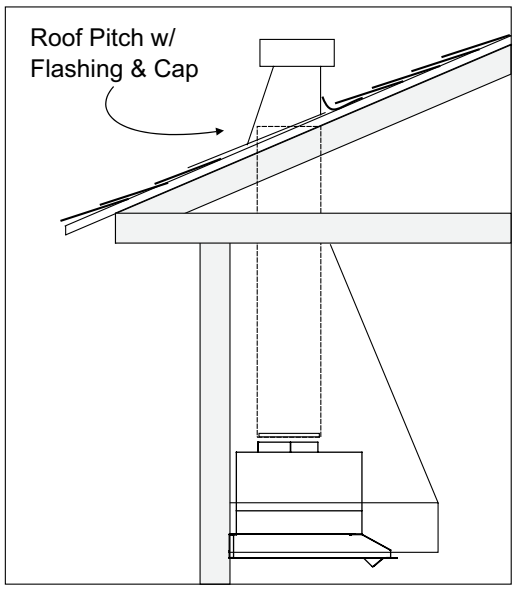
Use metal ductwork only.

Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.

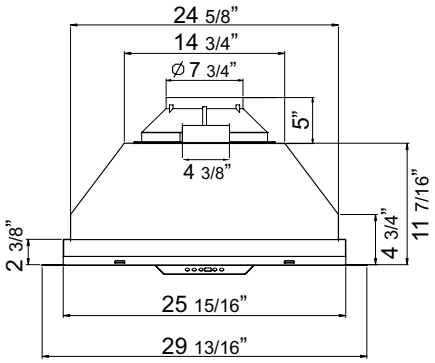
**Some Ducting Options**



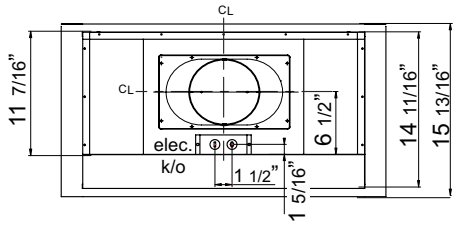



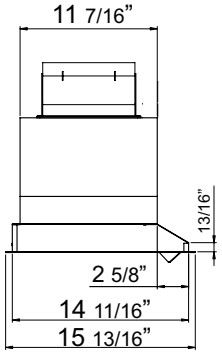
# Installation – Specifications



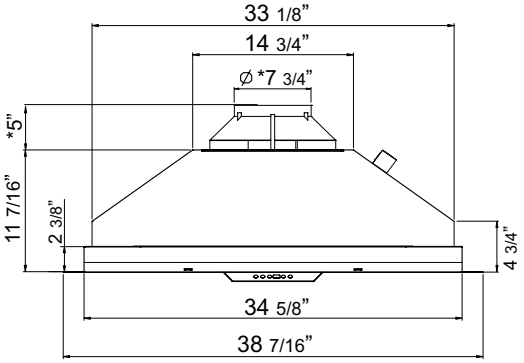

**AK8200AS**
**front**



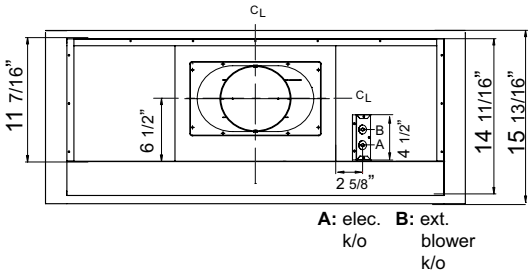

**AK8200AS**
**top**




**AK8200AS/AK8300ASX**
**side**




**AK8300ASX**
**front**




**A:** elec. k/o **B:** ext. blower k/o

**AK8300ASX**
**top**

*note: 8” round transition is only needed if using power pack with a dual internal or external blower.

## ELECTRICAL

## WARNING

**All Electrical work must be performed by qualified electrician or person with similar technical know how and background.**

For personal safety, remove house fuse or open circuit breaker before beginning installation. Do not use extension cord or adapter plug with this appliance.

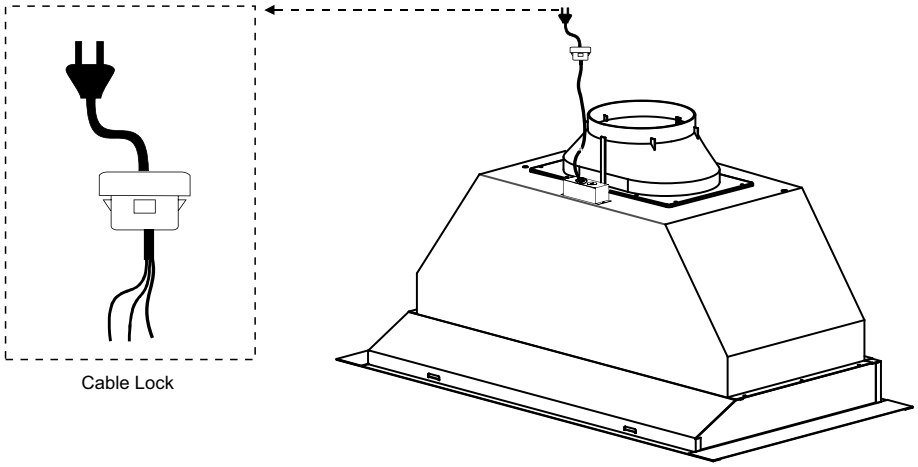
**Follow national electrical codes or prevailing local codes and ordinances.**

**Electrical Supply:**

This appliance requires a 120V 60Hz electrical supply, and connected to an individual, properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker or time delay fuse. Wiring must be 2 wire w/ ground. Please also refer Electrical Diagram labeled on product.

**Cable Lock:**

A cable locking connector (not supplied) might also be required by local codes. Check with local requirements and codes, purchase and install appropriate connector if necessary.



# Installation – Installing the Power Pack

**⚠ CAUTION: At least two installers are required due to the weight and size of the hood.**

1. Install blower into Power Pack
   AK8200AS - Blower is pre-installed
   AK8300ASX - Refer to page 11 for instructions
   **Remove support screw from top of Power Pack before installing into cabinet. FIG 2b**
2. Install 8” round adapter to top of Power Pack. See page 11, step 3 for instuctions.
3. Install optional AK08xxAS Stainless Steel Liner. Review manual included with liner for more details.
4. If no liner is used cut out an opening in the bottom of the cabinet by following the dimensions in FIG 1.
5. Lift Power Pack into opening and secure to bottom of cabinet using (4) M4 stainless steel screws, (1) in each corner; see FIG 2.
   **note:** Wood blocking may need to be added to cabinet base if additional support is needed.
6. Install duct work and seal with duct tape.
7. Install electrical.
8. **Remove all packing materials before using Power Pack.** Switch power on and check for leaks around duct tape.
9. Install baffle filters

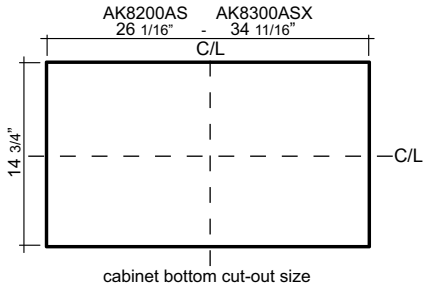
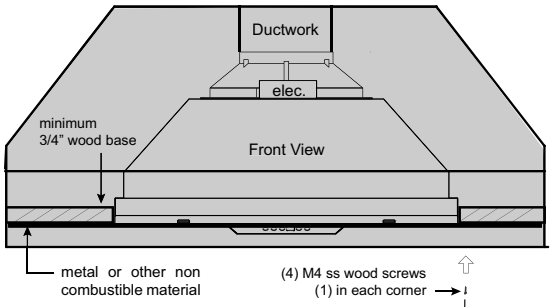



**FIG 1**



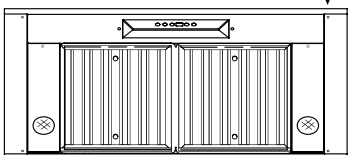



**FIG 2**

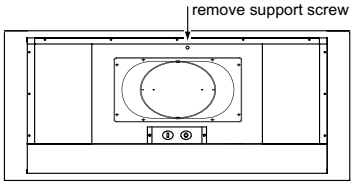
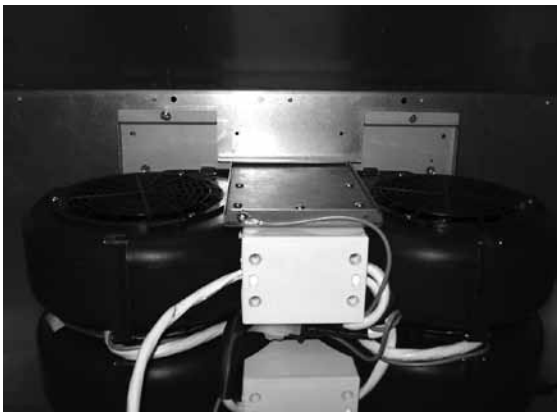



**FIG 2b**

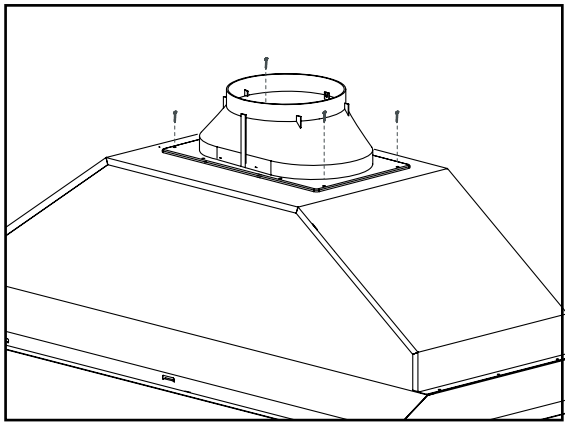
**MULTIPLE BLOWERS ARE COMPATIBLE WITH AK8300ASX ONLY.**
**AK8200AS INCLUDES A 1000 CFM DUAL BLOWER ONLY.**

**FOR REMOTE BLOWER PREPARATION INSTRUCTIONS TURN TO PAGE 12.**



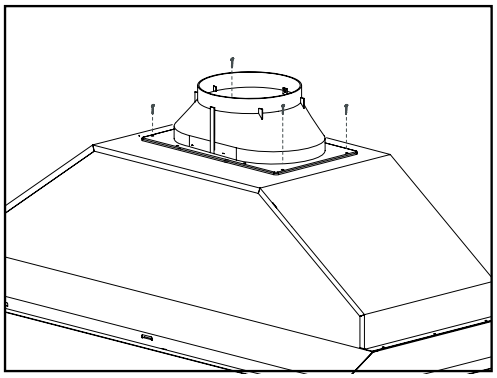
1. Position blower plate over bracket on inside back of hood and pivot up. Secure plate to hood with (2) 10x3/16” screws. (blower pictured is a PBI-1100A)

2. Connect 6 pin male connector from blower wiring to 6 pin female connector in the power pack. (plug is located inside the power pack protruding from the white control board box).

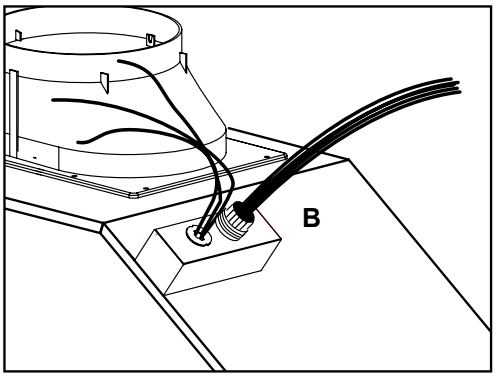


3. **Single Blower** – Connect 6” round duct work to blower collar.
   **Dual Blower** – Place 8” round adapter on top of power pack and secure with (4) M4x8 screws. Connect 8” round duct work to 8” round adapter.

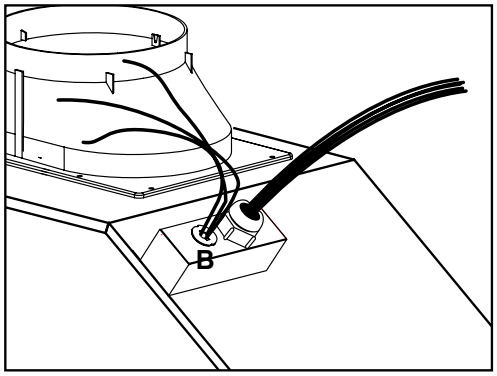
# Installation – Remote Blower Preparation



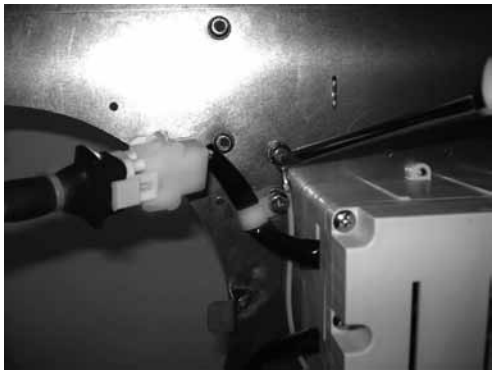
1. Place 8” round adapter on top of power pack and secure with (4) M4x8 screws. Connect 8” round duct work to 8” round adapter.



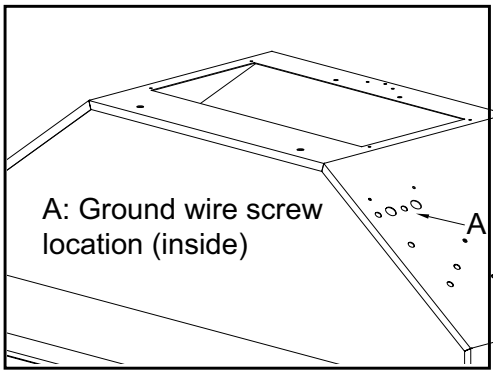

2. Install threaded end of remote blower wiring through external blower wiring knock out **(B)** located in junction box on top of power pack.




3. Place cap over threaded end of remote blower wiring and secure by turning clockwise.

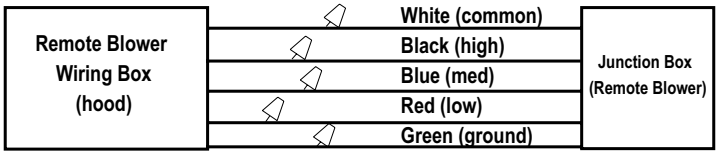


4. Connect 6 pin male connector from blower wiring to 6 pin female connector in the power pack. (plug is located inside the power pack protruding from the white control board box).

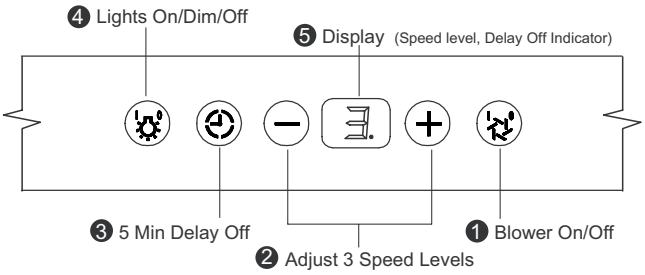



5. Secure green ground wire from remote blower wiring to ground screw located inside the power pack

**CBE-1000 / PBN-1000A: WIRING DIAGRAM**




**NOTE: For instructions on installing remote blowers, please refer to the CBE-1000 or PBN-1000A manuals included in the blower packaging and on our website: www.zephyronline.com**




### 1 Blower On/Off

By pressing ⏻, the blower is switched On and Off. When switched on, the blower turns on at the same speed it was switched off at. When switched off the entire hood powers off, including the lights.

### 2 Speed Selection

The 3 speed levels are selected by pressing ⊖ to decrease and ⊕ to increase speed level. The display indicates speed level selected. Pressing ⊕ when the hood is off will also turn it on.

### 3 Delay Off

This is used for programmed shut down of blower and lights 5 minutes after the function is activated. Press ⏲ once, a dot displays in the lower right hand side of display 3 indicating the function is on. The hood will change to speed 1 and shut down after 5 minutes.

### 4 Lights On/Dim/Off

Switch lights On by pressing ☼ once, again to dim and again to switch Off.

### 5 Display

Displays blower speed level, delay off status and filter clean/replace notification.

**Baffle Filter Clean Reminder**
After every 30 hours of use the display will start flashing an F reminding you to clean the baffle filters from residue and possible clogs.

The standard baffle filters are required to be cleaned frequently and as recommended in order to maintain blower efficiency. If improperly maintained, residue from cooking will sift through filters and cause damage to hood blowers and other sensitive components; and possible clog duct work and create a fire hazard.

**Baffle Filter Clean Reminder**

Whether your hood is installed as an exhaust or purifying unit, a set if baffle filters are fitted by the factory, These baffle filters are intended to filter out residue from cooking. They need not be replaced on a regular basis but are required to be kept clean. The filter clean reminder function in the microprocessor will automatically indicate by a flashing F when the baffle filters need to be cleaned after every 30 hours of use. Filters can be cleaned by hand with non-abrasive soap or in a dishwasher. Heavily soiled filters should also be soaked in grease cutting detergent prior to cleaning.

**Baffle Filter Clean Indicator**

When F flashes on display, the baffle filters installed are required to be cleaned. This will occur after every 30 hours of use.

**Re-setting Function**

Reset the filter clean reminder timer when filters are cleaned and re-installed (with hood off). Press and hold ⊖ for approximately 5 seconds, the display will appear; hold for approximately 5 seconds until F on display disappears ▢. The filter clean reminder function is now reset and a new 30 hours elapse cycle is initiated.

**Clean Filters**

display < F > flashes

**To Reset**

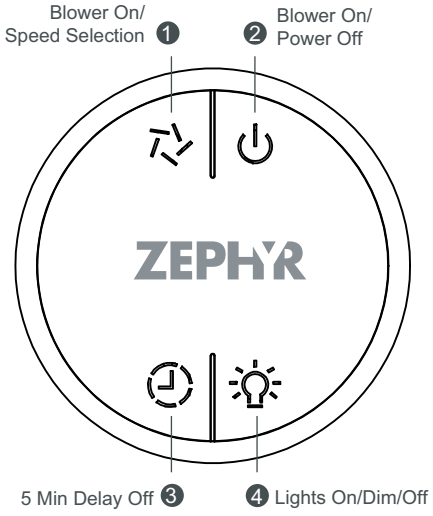
hold 5 sec. display from < F > to < >

**FCC Caution:** To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral device. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This remote control may operate in humid environments, but not when placed on a wet surface.

## REMOTE CONTROL FEATURES:

The RF remote control is equipped with a magnet for easy storage. The remote may be placed on any magnetic surface such as a refrigerator or the Zephyr remote holder. Maximum remote control communication distance from power pack is 15 feet.




### 1 Blower On/Speed Selection

By pressing, the blower is switched On. Press again to cycle through all three blower speeds.

### 2 Blowers On/Hood Off

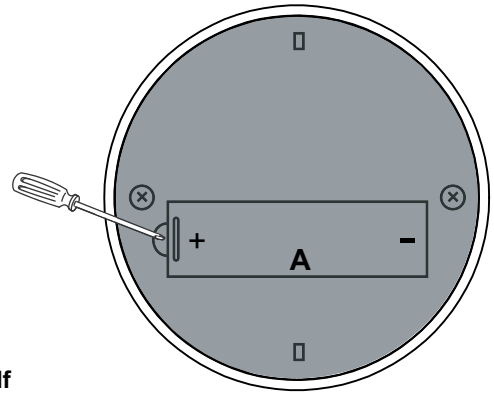
By pressing, the blowers will power on at the last speed setting. Press again and the entire hood will power off, including lights.

### 3 Delay Off

By pressing, the blower and lights will enter Delay Off mode. A dot will appear in the lower right corner of the power pack display indicating the function is on. The blower will change to speed 1 and shut down after 5 minutes.

### 4 Lights On/Dim/Off

Switch lights On by pressing once, again to dim and again to switch Off.




## REMOTE CONTROL MAINTENANCE:

Clean the remote control using non abrasive detergents

**Follow instructions below for replacing battery.**
Using a small flat head screwdriver, raise the cover of the battery door (**A**) in order to access the battery compartment.

Remove the battery and replace with Type **A23 12V**.
Negative end of battery should face the spring inside the remote.

Replace battery door and recycle old battery.

**If the remote control does not work after installation (yet the hood works correctly):**

1. Place remote control on the counter near the hood (make sure a good battery is installed).
2. Disconnect power from the hood by turning off circuit breaker.
3. Reconnect power to the hood.

Follow this procedure whenever the remote control does not work.

## SURFACE MAINTENANCE:

Clean periodically with hot soapy water and clean cotton cloth. Do not use corrosive or abrasive detergent, or steel wool/ scoring pads which will scratch and damage surface. Do not use products containing chlorine bleach or orange cleaners.

For heavier soil use liquid degreaser.

After cleaning, you may use non-abrasive stainless steel polish/ cleaners, to polish and buff out the stainless luster and grain. Always scrub lightly using a micro fiber or clean cotton cloth and with the grain.

**Baffle Filters**

The filters are intended to trap residue and grease from cooking. Although the filters should never need replacing, they are required to be cleaned every 30 days or more often depending on cooking habits.

Filters may be placed in dishwasher at low heat or soaked in hot soapy water Dry filters and re-install before using hood.

**Installing Baffle FIlters, FIG 4:**

1. Place filter into top groove of the power pack as shown and pull towards front of power pack using handles.
2. Pivot back of filter upwards so it is angled in the power pack.
3. Push filter into channel on back of power pack to lock into place.

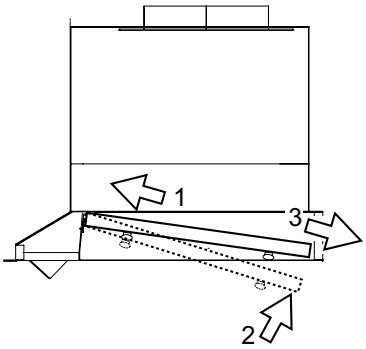



**FIG 4**

**Replacing Baffle Filters:**

| Hood Model: | Part No. | Qty. to Order |
|---|---|---|
| AK8200AS | 50210010 | 2 |
| AK8300ASX | 50210010 | 3 |

## REPLACING LIGHT BULBS

**CAUTION: Light bulb becomes extremely hot when turned on.**

**DO NOT touch bulb until switched off and cooled. Touching hot bulbs could cause serious burns.**

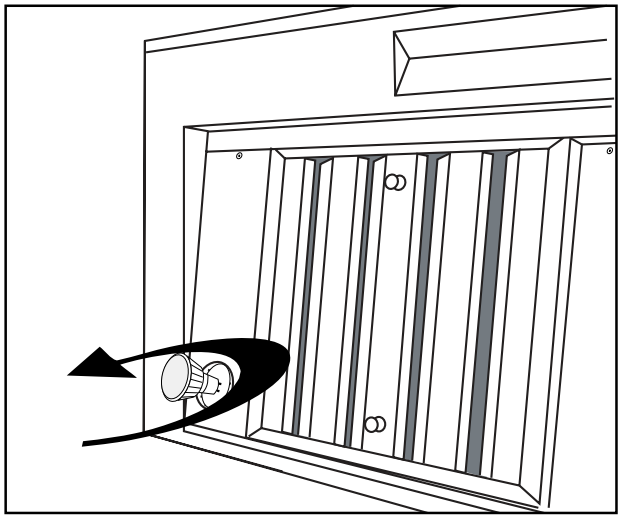
Make sure all power is turned off and bulbs are not hot.

Remove by turning bulb counter clockwise. **Note:** Bulb does not unscrew; it turns 60 degrees, stops and falls out.

If bulbs are difficult to turn due to prolonged use, firmly attach a glass suction cup approximately the diameter of the bulb or use a rubber/latex glove and turn counter clockwise.

Replacement bulbs are available at specialty lighting stores. Purchase type MR16 (GU-10) 35W halogen.

For Zephyr part numbers please turn to page 19 of the manual.



Bottom View

## TROUBLESHOOTING PROCEDURES FOR TORNADO II AND TORNADO III

| Issue | Cause | What to do |
|---|---|---|
| After installation, the unit doesn't work. | 1. The power source is not turned ON. | 1. Make sure the circuit breaker and the unit's power is ON. |
| | 2. The power line and the cable locking connector is not connecting properly. | 2. Check the power connection with the unit is connected properly. |
| | 3. The switch board and control board wirings are disconnected. | 3. Make sure the wirings between the switch board and control board are connected properly. |
| | 4. The wires on control board are loose. | 4. Make sure the wires on the control board are connected properly. |
| | 5. The switch board or control board is defective. | 5. Change the switch board or control board. |
| Light works, but motor is not turning. | 1. The motor is defective, possible seized. | 1. Change the motor. |
| | 2. The thermally protected system detects if the motor is too hot to operate and shuts the motor down. | 2. The motor will function properly after the thermally protected system cool down. |
| | 3. Damaged capacitor. | 3. Change the capacitor. |
| | 4. The motor wire is not connected. | 4. Make sure the motor wire is plugged into the molex connector. |
| The unit is vibrating. | 1. The motor is not secure in place. | 1. Tighten the motor in place. |
| | 2. Damaged blower wheel. | 2. Change the blower. |
| | 3. The hood is not secured in place. | 3. Check the installation of the hood. |
| The motor is working, but the lights are not. | 1. Defective halogen bulb. | 1. Change the halogen bulb. |
| | 2. The light bulb is loose. | 2. Tighten the light bulb. |
| | 3. The wires on the control board are loose. | 3. Make sure the wires on control board are connected properly. |
| The hood is not venting out properly. | 1. The hood might be hanging too high from the cook top. | 1. Adjust the distance between the cook top and the bottom of the hood within 26" and 36" range. |
| | 2. The wind from the opened windows or opened doors in the surrounding area are affecting the ventilation of the hood. | 2. Close all the windows and doors to eliminate the outside wind flow. |
| | 3. Blockage in the duct opening or duct work. | 3. Remove all the blocking from the duct work or duct opening. |
| | 4. The direction of duct opening is against the wind. | 4. Adjust the duct opening direction. |
| | 5. Using the wrong size of ducting. | 5. Change the ducting to correct size. |
| Filter is vibrating. | 1. Filter is loose. | 1. Adjust or change the filter. |
| | 2. Spring clip is broken inside filter opening | 2. Change the spring clip. |
| RF Remote control does not work | 1. Battery is dead | 1. Replace battery with type A23 12v |
| | 2. Poor communication with the power pack | 2. Remote control must be within 15 ft of power pack |
| | 3. RF remote lost communication with power pack | 3. Reset power pack and remote by switching power off at the circuit breaker for 5 minutes. Pace remote on counter top near power pack and switch the circuit breaker back on. |

# List of Parts and Accessories

| DESCRIPTION | PART # |
|---|---|
| **Replacement Parts** | |
| Light Bulb MR16 (GU10) 35W (each) | Z0B-0023 |
| Baffle Filter (each) | 50210010 |
| Remote Control | 14000005 |
| **Optional Accessories** | |
| Liner,36” (AK8200AS) | AK0806AS |
| Liner,42” (AK8200AS) | AK0842AS |
| Liner,48” (AK8300ASX) | AK0848AS |
| Liner,54” (AK8300ASX) | AK0854AS |
| Liner,60” (AK8300ASX) | AK0860AS |

To order parts, visit us online at http://store.zephyronline.com or call us at 1.888.880.8368

# ZEPHYR
## Limited Warranty

**STAPLE YOUR RECEIPT HERE**
**Proof of the original purchase date is needed to obtain service under warranty**

**TO OBTAIN SERVICE UNDER WARRANTY OR FOR ANY SERVICE RELATED QUESTIONS, please call:**
1-888-880-8368

Zephyr Corporation (referred to herein as “we” or “us”) warrants to the original consumer purchaser (referred to herein as “you” or “your”) of Zephyr products (the “Products”) that such Products will be free from defects in materials or workmanship as follows:

**Ten Year Limited Warranty for Parts:** For ten years from the date of your original purchase of the Products, we will provide, free of charge, Products or parts to replace those that failed due to manufacturing defects. We may choose, in our sole discretion, to repair or replace parts before we elect to replace the Products.

**One Year Limited Warranty for Labor:** For one year from the date of your original purchase of the Products, we will provide, free of charge, the labor cost associated with repairing the Products or parts to replace those that failed due to manufacturing defects. After the first year from the date of your original purchase, you are responsible for all labor costs associated with this warranty.

**Warranty Exclusions:** This warranty covers only repair or replacement, at our option, of defective Products or parts and does not cover any other costs related to the Products including but not limited to: (a) normal maintenance and service required for the Products and consumable parts such as light bulbs, metal and carbon filters and fuses; (b) any Products or parts which have been subject to freight damage, misuse, negligence, accident, faulty installation or installation contrary to recommended installation instructions, improper maintenance or repair (other than by us); (c) commercial use of the Products or use otherwise inconsistent with its intended purpose; (d) natural wear of the finish of the Products or wear caused by improper maintenance, use of corrosive and abrasive cleaning products, pads, and oven cleaner products; (e) chips, dents or cracks caused by abuse or misuse of the Products; (f) service trips to your home to teach you how to use the Products; or (g) damage to the Products caused by accident, fire, floods or act of God. If you are outside our service area, additional charges may apply for shipping costs for warranty repair at our designated service locations and for the travel cost to have a service technician come to your home to repair, remove or reinstall the Products. After the first year from the date of your original purchase, you are also responsible for all labor costs associated with this warranty.

**Limitations of Warranty. OUR OBLIGATION TO REPAIR OR REPLACE, AT OUR OPTION, SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY. WE SHALL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE PRODUCTS. THE EXPRESS WARRANTIES IN THE PRECEDING SECTION ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES. WE HEREBY DISCLAIM AND EXCLUDE ALL OTHER EXPRESS WARRANTIES FOR THE PRODUCTS, AND DISCLAIM AND EXCLUDE ALL WARRANTIES IMPLIED BY LAW, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** Some states or provinces do not allow limitations on the duration of an implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. To the extent that applicable law prohibits the exclusion of implied warranties, the duration of any applicable implied warranty is limited to the same ten-year period described above. Any oral or written description of the Products is for the sole purpose of identifying the Products and shall not be construed as an express warranty. Prior to using, implementing or permitting use of the Products, you shall determine the suitability of the Products for the intended use, and you shall assume all risk and liability whatsoever in connection with such determination. We reserve the right to use functionally equivalent refurbished or reconditioned parts or Products as warranty replacements or as part of warranty service. This warranty is not transferable from the original purchaser and applies in the United States and Canada.

**To Obtain Service Under Limited Warranty:** To qualify for warranty service, you must: (a) notify us at the address or telephone number stated below within 60 days of the discovery of the defect; (b) give the model number and part identification number and serial number; and (c) describe the nature of any defect in the Product or part. At the time of the request for warranty service, you must present evidence of your proof of purchase and proof of the original purchase date. If we determine that the warranty exclusions listed above apply or if you fail to provide the necessary documentation to obtain service, you will be responsible for all shipping, travel, labor and other costs related to the services.

Please check our website for any revisions, www.zephyronline.com.

**Zephyr Corporation Service Department, 2277 Harbor Bay Parkway, Alameda, CA 94502 1-888-880-8368**

JUN08.0101